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Introduction

Soviet aid to industrial construction projects has been a significant factor in the rapid industrialization of Communist China since 1949. This assistance has taken the form of two economic credits totaling 1,720 million rubles against which the Chinese have drawn to help pay for imports from the USSR including equipment for the construction of the 211 major industrial projects which the USSR has committed itself to assist China to construct.\* The value of the equipment which the USSR has promised to deliver to China during the period 1949 to 1962 is valued at 8,100 million rubles and includes all technical assistance relating to the 211 projects.

*credits and economic efforts*

The following Table summarizes Soviet economic aid to Communist China during the period 1949-57.

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\* Only 205 of the 211 Soviet Aid Projects are considered by the Chinese Communists to be industrial construction projects. The remaining six involve the construction of research institutes and the renovation or expansion of previously constructed projects. Other announcements indicate that agreements have been signed by which the USSR will assist Communist China on 205 industrial projects and 21 "individual workshops".

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*Credits and Equipment Exports*  
Soviet Economic Aid to Communist China,  
1949-57\*

Date of Agreement	Number of Projects Involved	Economic Credits		Value of Equipment Committed for Delivery <i>at</i>	
		(millions rubles)	(millions US\$)	(millions rubles)	(millions US\$)
February 1950	50	1,200	300	-	-
September 1953	91	-	-	5,200 <i>at 6/</i>	1,300 <i>at 6/</i>
October 1954	15	520	130	100	100
April 1956	55	-	-	2,500	625
Total	211	1,720	430	8,100	2,025

*(b)* Includes value of equipment and technical assistance for the 50 projects covered in the

February 1950 agreement.

*(a)* Value of equipment committed for delivery through 1962 under existing agreements.

These projects are chiefly in the field of heavy industry and include construction of metallurgical, power, machine-building, chemical, defense, automobile, and tractor-manufacturing plants, petroleum installations, and the like. Assistance by the USSR includes geological surveying, selection of construction sites, designing, supervision of construction-installation work, and, on completion of construction, assistance in the production process of the new plant.

The Chinese Communists originally planned to start construction of 115 projects in the First Five Year Plan, but only <sup>*about*</sup> 131 were begun by the end of 1957. In December 1957, Peking announced that 56 projects had been completed and that 10 more would be in partial operation by the end of the year. With the full completion of these 66 projects, 115 of the 211 projects remain to be completed.

\* The conversion rate at the official exchange rate is 4 rubles equals to US \$1.

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Until the Chinese Communists define the term Soviet Aid Projects and identify many more projects than they have to date, any list which seeks to identify such projects must be considered tentative. Numerous difficulties attendant on the compilation of this list\* necessitated an evaluation of firm, probable, or possible being made in respect to every project considered. Documentation for this list is maintained in the files of the responsible branch.

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\* For example, the USSR has assisted on hundreds of projects, but most of this assistance has been so minor that it cannot be considered in the category of the 211 Soviet Aid Projects. Also, the multiplicity of projects reported to be under construction at one construction site makes it difficult to determine whether the projects should be considered as components of one over-all project or as separate projects. For example, components of the An-shan Iron and Steel Combine--such as individual blast furnaces--are reported as separate projects receiving Soviet aid. The entire Wu-han Steel Combine, on the other hand, is reported to be only one of the earlier 156 projects.

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1954	Iron and Steel	Blast Furnace (No. 3)	An-shen, Liaoning hl 67 - 122 57	1956	1957
1955	"	Blast Furnace (No. 5)	" "	1954	July 1955
1955	"	Blast Furnace (No. 6)	" "	1953	October 1954
1955	"	Blast Furnace (No. 7)	" "	1953	Early 1954
1955	"	Blast Furnace (No. 8)	" "	1952	1953
1955	"	Blast Furnace (No. 9)	" "	1955	1956
1955	"	Rolling Mill (No. 2)	" "	1955	1956
1955	"	Refractory Plant	Kirin, Kirin hl 51 - 126 53	NA	Before August 1956
1955	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shen, Liaoning)	An-shen, Liaoning hl 67 - 122 57	NA	Operational 1956
1955	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shen, Liaoning)	" "	1954	1957
1955	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shen, Liaoning)	" "	1956	1959 (Plan)
1955	"	Rolling Mill (No. 2)	" "	June 1956	1957

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Steel	Rail-Structural Mill (Heavy Rolling Mill)	An-shan, Liaoning 41 07N - 122 57E	1952	1953
	Seamless Tube Mill	" "	1952	1953
	Sheet Mill (No. 2)	" "	1953	1954
	Steel Works (No. 1)	" " August	1953	1955
	Steel Works (No. 2)	" "	1954	1956
	Steel Combine	Fao-t'ou, Inner Mongo- lian Autonomous Region 40 36N - 110 03E	1957	1962 (Plan)
	Steel Combine	Kue-shan, Hupeh 30 34N - 114 13E	1956	1962 (Plan)
	Precast Reinforced Concrete Products Plant	An-shan, Liaoning 41 07N - 122 57E	1951	June 1954
	Refractory Materials Plant	" "	1954	November 1955
	Blowing Mill (No. 1)	" "	May 1955	November 1955
	Iron Works	Hsue-shan, Anhwei 31 11N - 113 29E	1953	1957 (Plan)

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Possible	Iron and Steel	Iron Processing Plant (No. 2)	Chang-shan, Liaoning L3 67 - 122 57R	1955	NA
Possible	"	Iron Processing Plant (No. 3)	"	1952	1955
Possible	"	Steel Combine	Pan-ch'i, Liaoning L1 20N - 123 45K	1955	NA
Possible	"	Steel Combine (No. 2)	Urumchi, Sinkiang L3 47 - 87 35	1956	NA
Firm	Machine Building	Automobile Manufacturing Plant (No. 1)	Ch'ang-shan, Liaoning L3 55K - 125 15K	July 1953	July 1956
Firm	"	Ball Bearing Plant	Lo-yang, Honan L3 48K - 112 28K	September 1955	Partial operation June 1957
Firm	"	Boiler Plant	Harbin, Heilungkiang L3 47 - 125 3	October 1956	October 1956
Firm	"	Condenser Plant	Chang-shan, Liaoning L3 48 - 1 - 58K	August 1956	Equipment being installed January 1957
Firm	"	Electric Cable Factory	Harbin, Heilungkiang L3 47 - 123 27K	September 1953	September 1956
Firm	"	Electrical Equipment Plant (Northeast No. 4)	Harbin, Heilungkiang L3 47 - 126 39K	1951	1954
Firm	"	Electric Meter and Instrument Plant	"	April 1954	June 1956

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Firm	Machine Building	Electronic Tube Plant	Peking, Heping	39 56N - 114 20E	August 1955	October 1956
Firm	"	Heavy Machinery Plant	Ma-lu-shi-chi, Heilongjiang	47 15N - 123 40E	June 1956	1959 (Plan)
Firm	"	Heavy Machinery Plant	T'iao-yuan, Shensi	37 52N - 112 33E	1950	1958 (Plan)
Firm	"	Heavy Machine Tool Plant	Ma-lu-shi, Heping	39 14N - 114 13E	1955	Second quarter 1958 (Plan)
Firm	"	High-Voltage Switch Plant	Sing, Shensi	34 16N - 108 54E	September 1956	Installation of equipment to start fourth quarter 1957 (Plan)
Firm	"	Machinist Tool Plant (No. 1)	Mudan, Liaoning	41 48N - 123 27E	April 1953	December 1955
Firm	"	Measuring and Cutting Tool Plant	Harbin, Heilongjiang	45 47N - 126 39E	1953	November 1954
Firm	"	Mining Machinery and Electrical Equipment Plant	Lu-chuan, Liaoning	41 27N - 123 53E	1953	1958 (Plan)
Firm	"	Mining Machinery and Equipment Plant	Lo-yang, Henan	34 41N - 112 28E	Underway July 1956	1958 (Plan)
Firm	"	Motor Vehicle Plants	Ma-lu-shi, Heping	47 15N - 123 40E	N/A	N/A
Firm	"	Motor Vehicle Plant	Ma-lu-shi, Heping	47 15N - 123 40E	September 1957	N/A

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Firm	Machine Building	Petroleum Drilling Equipment Plant	Lun-shan (Lun-shan), Kansu 36 03E - 109 41E	October 1954	Installation of equipment to begin 1957 (Plan)
Firm	"	Pneumatic Tool Plant	Yunnan, Kunming 41 48N - 123 27E	July 1952	January 1955
Firm	"	Radio Equipment Plant	Ch'ang-sha, Szechwan 30 40N - 104 04E	October 1954	1958 (Plan)
Firm	"	Railroad Equipment Plant	Ch'ang-sha, Kiating 43 55N - 123 15E	October 1955	End 1957 (Plan)
Firm	"	Steam Turbine Plant	Nanking, Nanking 45 47N - 126 39E	June 1956	1958 (Plan)
Firm	"	Steam Turbine Plant	Shanghai, Kiating 31 14N - 121 28E	September 1954	November 1956
Firm	"	Telecommunications Equipment Manufacturing Plant	Peking, Peking 39 56N - 116 24E	February 1954	September 1957
Firm	"	Textile Equipment Plant	Tai-ch'ang (Tai-ch'ang), Szechwan 37 42N - 117 44E	May 1951	August 1958
Firm	"	Tractor Manufacturing Plant (No. 1)	Lo-yang, Kansu 34 13N - 112 28E	September 1955	1958 (Plan)

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Probable	Building	Automobile accessories plant (No. 1)	Kien, "Spk" 39 544 - 114 215	August 1955	
Probable	"	Roll Bearing Plant	Kien, "Spk" 39 544 - 114 215	1952	January 1953
Probable	"	Bridge Building Plant	Kien, "Spk" 39 544 - 114 215	1953	May 1953
Probable	"	Mechanical Equipment Plant	Kien, "Spk" 39 544 - 114 215	1955	1956 (Plan)
Probable	"	Electrode Plant	Kien, "Spk" 39 544 - 114 215	1954	1954
Probable	"	Internal Combustion Engine Plant	Kien, "Spk" 39 544 - 114 215	1954	1954
Probable	"	Low-Voltage Switch Plant	Kien, "Spk" 39 544 - 114 215	July 1953	June 1953
Probable	"	Locomotive and Rolling Stock Plant	Kien, "Spk" 39 544 - 114 215	August 1957	1958 (Plan)
Probable	"	Machine Tools Plant (No. 1)	Kien, "Spk" 39 544 - 114 215	1955	1956 (Plan)
Probable	"	Machine Tools Plant (No. 2)	Kien, "Spk" 39 544 - 114 215	1953	1955 (Plan)
Probable	"	Machine Tools Plant (No. 3)	Kien, "Spk" 39 544 - 114 215	1954	1956 (Plan)

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Possible	Machine Building	Tractor Manufacturing Plant	Tientsin, Tientsin	39 084 - 117 128	December 1955	1957 (Plan)
Possible	"	Aircraft Parts Manufacturing and Repair Plant	Har-ch'ang, Kiangsu	28 104 - 115 538	1952	NA
Possible	"	Recounting and Cutting Tool Plant	Ch'ang-tu, Szechuan	30 404 - 101 048	May 1956	1958 (Plan)
Possible	"	Electronic Instruments Plant	Tientsin, Tientsin	39 084 - 117 128	Preparations underway May 1957	NA
Possible	"	Grinding Wheel Plant	Chang-chai, Heonan	36 152 - 113 492	Underway July 1957	Partial operation, third quarter 1958 (Plan)
Possible	"	Heavy Machinery Plant	Wei-guan, Shensi	37 521 - 112 308	1958	In partial operation 1958
Possible	"	Insulating Materials Plant	Piao, Shensi	36 144 - 109 548	1957	1958 (Plan)
Possible	"	Lathe Plant	Shiang-tan, Hunan	27 514 - 112 528	1953	1958
Possible	"	Lathe Plant	Tai-tung, Shensi	10 061 - 113 202	August 1957	NA
Possible	"	Locomotive and Rolling Stock Plant	Taiwan, Liaoning	39 558 - 121 392	July 1956	1958 (Plan)
Possible	"	Motor, Machinery and Repair Plant	Wei-tung, Shensi	40 061 - 113 118	1955	NA

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Possible	Machine Building	Passenger Air Plant	Ch'ang-sh'ung, Kiating 13 558 - 125 150	July 1957	1958 (Plan)
Possible	"	Power Equipment Plant	Harbin, Heilungkiang 15 678 - 126 398	1951	1950 (Plan)
Possible	"	Steamship Motor Plant	" "	NA	NA
Possible	"	Turbine Generator Factory	" "	Underway December 1957	NA
Firm	Electric Power	Hydro Station	San-chu-shih, Heilung- kiang (Approx.) 13 521 - 126 132	Survey February 1957	NA
Firm	"	"	Peng-shan, Kiating 13 121 - 125 110	1953	1952 (Plan)
Firm	"	"	Yen-shan-shiang, Chihkiang (Approx.) 19 141 - 129 527	Ordering April 1957	1952 (Plan)
Firm	"	"	I-shih-shih, Yunnan (Approx.) 25 008 - 123 008	July 1956	By 1952 (Plan)
Firm	"	"	Wang-shih Chialinta (Chialinta), Heilung- kiang (Approx.) 51 303 - 123 528	Being designed August 1956	NA

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Line	Electric Power	Hydro Station	Location, Name (approx.) 35 470 - 102 15%	1957 (Plan)	1958 (Plan)
Line	"	"	San-shen Gorge, Hunan (approx.) 35% - 1118	April 1957	1951 (Plan)
Line	"	"	San-shen-chiang, Hubei (approx.) 26 57 - 111 13	1955	December 1957
Line	"	"	San-shen-chiang, Hunan 111	Being planned December 1956	1951
Line	"	Thermal Station	Chang-chiao, Hunan 34 15 - 113 40	December 1952	January 1951
Line	"	"	Chang-chiao, Hubei 38 15 - 114 40	December 1953	1951
Line	"	"	Chang-chiao, Hunan 27 57 - 112 54	January 1956	Partial operation October 1957 (Plan)
Line	"	" (No. 507)	Changchiao, Szechuan 26 34 - 104 35	1952	March 1951
Line	"	" (No. 2)	Changchiao, Szechuan 31 55 - 121 34	February 1951	1955
Line	"	Thermal Station	Changchiao, Szechuan 12 07 - 121 34	December 1951	1956

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Power	Electric Power	Thermal Station	Location, Capacity	Start Date	Notes
Power	"	"	Wuchun, Liaoning 41 MW - 124 MW	July 1957	
Power	"	" (No. 1)	Harbin, Heilongjiang 45 MW - 126 MW	1953	1957 (plan)
Power	"	Thermal Station	K'ai-yuan, Hunan 23 MW - 103 MW	April 1955	December 1956
Power	"	"	Liulin, Airin 43 MW - 125 MW	January 1955	Partial operation July 1956
Power	"	"	Long-shan, Kansu 24 MW - 103 MW	December 1952	November 1957
Power	"	"	Feiling, Kweichow 30 MW - 115 MW	July 1957	Partial operation 1953 (plan)
Power	"	"	Chia-chia-chuang, Kweichow 28 MW - 114 MW	April 1955	April 1956
Power	"	" (No. 2)	Sien, Taiwan 24 MW - 103 MW	1953	October 1957 (plan)
Power	"	" (No. 3)	"	Early 1956	First phase completed summer 1957
Power	"	" (No. 1)	K'ai-yuan, Kansu 37 MW - 112 MW	October 1953	August 1956
Power	"	Thermal Station	Yanchi, Sinkiang 43 MW - 37 MW	October 1953	1957 (plan)

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Probable	Electric Power	Thermal Station	Ch'uan, Hsueh 30 36N - 111 13E	June 1955	Partial operation August 1957
Probable	"	Hydro Station	Kuan-t'ing, Hsueh (Approx.) 40 00N - 115 15E	May 1954	December 1955
Probable	"	"	Tzu-ping-yi, Szechuan (Approx.) 28 18N - 104 38E	Preparations underway 1956	1959 (Plan)
Probable	"	Thermal Station	An-shan, Liaoning 41 07N - 122 57E	1954	March 1956
Probable	"	"	Ch'ung-sh'ung, Kirin 43 52N - 125 21E	December 1953	Partial operation June 1955
Probable	"	"	Yu-lu-shan-shi, Hailu- jiang 47 15N - 123 40E	July 1953	Early 1955
Probable	"	" (No. 3)	Pao-t'ou, Inner Mongo- lian Autonomous Region 40 36N - 110 03E	September 1954	April 1956
Probable	"	" (No. 5)	T'ai-yuan, Shanxi 37 42N - 112 30E	1955	NA
Possible	"	Hydro Station	Chin-fang-shiang, Kwangtung (Approx.) 25 56N - 115 08E	Being planned May 1957	NA

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Possible	Electric Power	Hydro Station	Location, China	Design to be completed 3rd quarter 1957 (Plan)	NA
Possible	"	"	Huang-t'ang-k'ou, Chekiang (Approx.) 29 45N - 120 35E	1951	Partial operation 1957 (Plan)
Possible	"	"	Hu-t'ien, Szechuan 26 15N - 118 42E	1951	1962
Possible	"	"	Kai-shan, Szechuan 30 03N - 103 51E	Underway August 1955	NA
Possible	"	"	Shih-lung-pa, Yunnan 24 51N - 102 30E	July 1951	April 1955
Possible	"	"	Shih-t'ung-t'ou, Szechuan 29 32N - 106 14E	August 1951	April 1957
Possible	"	"	Fu-la-po, Sinkiang (Approx.) 43 40N - 87 35E	October 1951	August 1955
Possible	"	Thermal Station	Ch'eng-tu, Szechuan 30 40N - 104 04E	October 1953	April 1955
Possible	"	"	Shiang-t'ou, Hunan 27 51N - 112 54E	1953	1956 (Plan)
Possible	"	"	Lo-yang, Hunan 34 41N - 112 20E	Underway 1951	1955

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Possible	Electric Power	Thermal Station	Lo-yang, Honan 11h 11N - 112 28E	Underway June 1956	October 1957 (Plan)
Possible	"	"	Pao-t'ou, Inner Mongo- lian Autonomous Region 10 36N - 110 01E	March 1956	NA
Possible	"	" (No. 2)	"	Underway 1957	1957
Possible	"	Thermal Station	Tientsin, Hopoh 39 08N - 121 32E	June 1953	Partial operation May 1954 (Plan)
Plan	Coal Industry	Mine	Pong-tang, Hopoh (Approx.) 35 30N - 111 00E	November 1955	Before September 1957
Plan	"	"	Hou-hsin (Hui-chin), Miaoing 42 02N - 121 42E	1950	1956 (Plan)
Plan	"	"	Fou-hsin (P'ing-an), Miaoing 42 05N - 121 42E	1954	Before March 1957
Plan	"	"	(Insert Hsing-an-tai) Hou-hsin (Tung-shan), Hollungkiang 41 20N - 130 10E	1950	September 1955
Plan	"	"	Chai-an, Miaoing 42 54N - 125 09E	NA	By January 1957

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Firm	Coal Industry	Mine (No. 2 & No. 3)	Hsiao-shan (Hsiao-chia-shi), Anhwei 13 304 - 119 408	1954	July 1956
Firm	"	Mine	Hsiao-guan, Hsienning 10 304 - 123 291	1950	December 1955
Firm	"	"	Ping-ting-shan, Kuan 14 011 - 113 121	1955	1957 (Plan)
Firm	"	Preparation Plant	Peng-fang (2 plants), Kueih (Kueih) 25 101 - 115 003	January 1957	NA
Firm	"	Preparation Plant	Hsiao-guan, Hsienning (Kueih) 15 101 - 131 101	May 1955	1956 (Plan)
Probable	"	Mine	Hsiao-shan (Hsiao-chia-shi), Kuan 25 151 - 113 131	September 1955	1956
Probable	"	"	Chi-hai (Hsiao-hang-shan), Kailiang 15 151 - 131 001	July 1950	1955
Probable	"	"	Foo-hsin (Hsiao-chia-shi), Hsienning 12 061 - 121 121	December 1951	August 1957 (Plan)

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Probable	Coal Industry	Mine	Fe-shun (Lao-hu-tai), Liaoning 41 53N - 123 54E	1953	1959 (Plan)
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 41 53N - 123 54E	1953	1957 (Plan)
Probable	"	"	Huo-tung (Huo-tung-tai), Liaoning 47 25N - 132 08E	1950	July 1956
Probable	"	"	Pen-ch'i (Yong-tung), Liaoning 41 20N - 123 45E	April 1950	December 1954
Probable	"	"	P'ing-hoang, Kiangai 37 30N - 113 51E	1951	1951
Probable	"	"	Ta-tung, Shensi 39 06N - 113 14E	1951	1951
Probable	"	"	T'ung-ch'uan (Tao- yuan), Shensi 35 00N - 109 07E	May 1956	1958 (Plan)
Probable	"	"	T'ung-ch'uan (Kang- chia-ho), Shensi 35 00N - 109 07E	June 1955	1958 (Plan)
Probable	"	Preparation Plant	Pen-ch'i, Liaoning 41 20N - 123 45E	Early 1955	1958

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Probable	Coal Industry	Preparation Plant	F'ing-tiao-ehan (2 plants), Hsuan	24 62N - 113 49E	NA	NA
Possible	"	Firm	I-t'ang, Shensi (Approved)	36 40N - 110 30E	1955	NA
Possible	"	"	Ma-chia-kou, Hsueh	39 12N - 118 13E	December 1954	Still under construction July 1957
Possible	"	"	Sian, Shensi	34 12N - 109 54E	NA	1953 (Plan)
Firm	Other	Machine Tool Plant	Chien, Hsienang	41 12N - 123 00E	NA	Under construction 1957
Firm	Chemical Industry	Calcium Carbide Plant	Kirin, Kirin	43 51N - 126 33E	3rd quarter 1955	October 1957
Firm	"	Chemical Plant	Shih-chia-chuang, Hsueh	38 02N - 114 28E	June 1955	August 1955
Firm	"	Chemical Plant	F'ai-guan, Shensi	37 12N - 112 30E	Underway November 1957	NA
Firm	"	Textile Plant	Kirin, Kirin	43 51N - 126 33E	April 1955	October 1957
Firm	"	Nitrogenous Fertilizer Plant	Kirin, Kirin	43 51N - 126 33E	April 1955	October 1957

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Firm	Chemical Industry	Nitrogenous Fertilizer Plant	Lan-chow, Kiangsu 36 035 - 103 412	Underway April 1957	1959 (Plan)
Firm	"	Nitrogenous Fertilizer Plant	T'ai-yuan, Shansi 37 420 - 112 302	Spring 1958 (Plan)	NA
Firm	"	Pharmaceutical Plant	Hukien, Hsiening 41 480 - 123 272	August 1953	1956 (Plan)
Firm	"	Pharmaceutical Plant	T'ai-yuan, Shansi 37 420 - 112 302	Spring 1958 (Plan)	NA
Firm	"	Synthetic Rubber (Isoprene) Plant	Ch'ang-shu, Szechuan 29 500 - 107 042	Underway July 1957	Second quarter 1958 (Plan)
Firm	"	Synthetic Rubber Plant	Lan-chow, Kiangsu 36 035 - 103 412	NA	NA
Probable	"	Chemical Combine	Hsien, Hsiening 38 550 - 121 322	1952	1956
Probable	"	Pharmaceutical Plant	Heking, Hsien 39 500 - 116 212	April 1955	1958 (Plan)
Probable	"	Synthetic Rubber Plant	Kirin, Kirin 43 510 - 126 312	NA	NA
Possible	"	Pharmaceutical Plant (No. 3)	Shanghai, Kiangsu 31 110 - 121 282	1952	Before January 1957
Firm	Nonferrous Metals Industry	Aluminum Plant	Lo-chun, Hsiening 41 520 - 123 512	1953	October 1956

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	Other				
Firm	Nonferrous Metals Industry	Aluminum-Alloy Plant	Harbin, Heilungkiang 15 47N - 126 39E	1951	1953
Firm	"	Tin Combine	Ke-chia, Yunnan 23 23N - 103 02E	1951	1955
Possible	"	Copper Combine	Ken-chou, Kiangsu 36 03N - 103 51E	1951	1955
Possible	"	Copper Combine	T'ung-kuan-chang, Anhwei (Approx.) 30 53N - 117 47E	Undertaken March 1953	1957
Possible	"	Copper Combine	Hsin-yeh, Hubei 32 30N - 112 20E	1951	October 1956
Firm	Paper Industry	Paper Mill	Chia-an-shu (Yang-ho) Heilungkiang 16 50N - 130 21E	June 1953	September 1957
Firm	Petroleum Industry	Refinery	Lan-chou, Kansu 36 03N - 103 11E	April 1956	1958 (Plan)
Firm	"	Refinery	Kuang River, Sinkiang 15 30N - 85 12E	Survey undertaken December 1956	1962 (Plan)
Firm	"	Shale Oil Processing Plant	Pu-chun East, Liaoning 14 57N - 123 54E	July 1957	1960 (Plan)

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Possible	Petroleum Industry	Refinery	Ts'ao-shan-tsu, Sinkiang 41 204 - 64 518	1952	1956
Possible	"	Refinery	Yu-shan, Kansu 39 124 - 97 508	1954	Construction continuing in 1958
Possible	"	Shale Oil Processing Plant (No. 2)	Fu-shan, Kiangsi 41 524 - 123 513	May 1953	December 1954
Firm	Textile Industry	Flax Mill	A-sh'eng, Heilongjiang 45 124 - 126 598	1953	April 1955
Firm	"	Flax Mill	Fu-shan, Heilongjiang 45 594 - 126 308	1953	April 1955
Firm	"	Flax Mill	Harbin, Heilongjiang 45 124 - 126 308	July 1953	October 1954
Firm	Shipbuilding Industry	Shipyard	Canton, Kwangtung 23 074 - 113 158	February 1957	1958 (Plan)
Firm	"	Shipyard	Shanghai (Hu-tung), Kiangsu 31 114 - 121 288	1953	Before November 1957
Firm	"	Shipyard	Wu-han, Hupoh 30 324 - 114 188	1953	Before November 1957
Possible	"	Shipyard	Shanghai (Kiangnan), Kiangsu 31 114 - 121 288	1953	Before November 1957

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Date	Communications Industry	Central Telegraph Building	Peking, Hsueh 39 563 - 116 213	May 1956	1956 (Plan)
Possible	"	Telecommunications Building	Ch'eng-to, Szechuan 30 403 - 104 013	Underway February 1957	Third quarter 1957 (Plan)
Possible	"	Telecommunications Building	Granchi, Szechuan 43 431 - 87 353	September 1956	NA
Possible	"	Telecommunication Station	Peking, Hsueh 39 563 - 116 213	Underway June 1957	Summer 1958 (Plan)